



NITFS Compliance Registration



Product: OV-3 and OV-5 Product Processor-Output System V5_0

Sponsor: GeoEye

Developer: GeoEye

Date: 30 April 2007

Expiration: 29 April 2009

Registration #: 1025

- ☒ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Itanium 64 (Server)

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

- ☒ V2.1
- ☒ V2.0
- ☐ V1.1

NSIF

- ☐ V1.0

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CGM, 2301
- ☐ CGM, 2301A
- ☐ Labels **

Text Segments

- ☒ STA
- ☐ UT1
- ☐ U8S
- ☐ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☐ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsampling
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☐ STREAMING FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ CSDIDA
- ☒ GEOPSB
- ☒ PRJPSB
- ☒ CSCRNA
- ☒ CSEXRA
- ☒ CSPROA
- ☒ HISTOA
- ☒ J2KLRA
- ☒ PIAIMC
- ☒ GEOLOB
- ☒ MAPLOB
- ☒ CSCCGA
- ☒ ICHIPB
- ☒ RPC00B
- ☒ STDIDC
- ☒ USE00A
- ☒ STREOB

Legend

- Interpret
- Gen
- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.